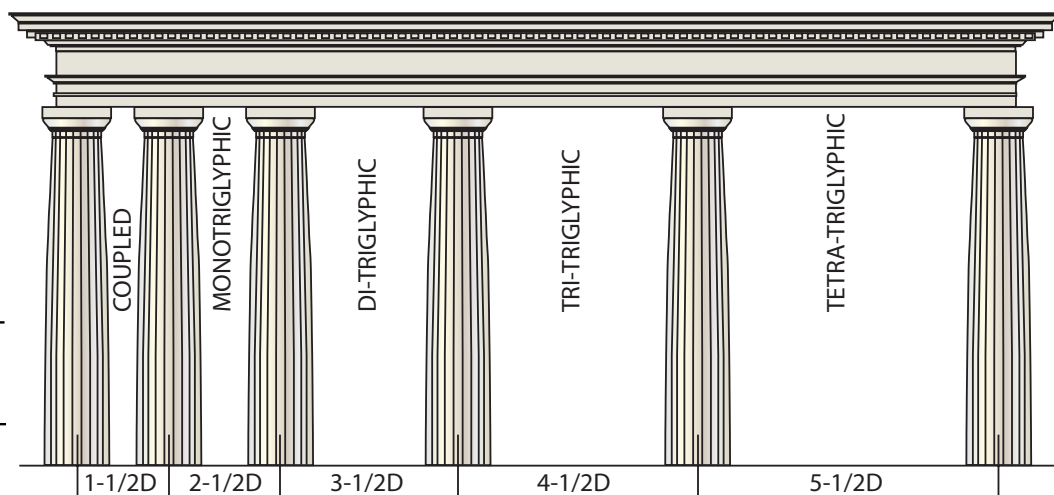
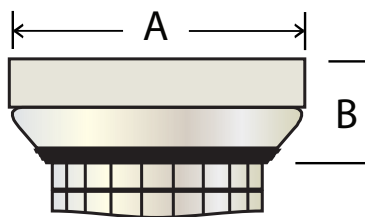
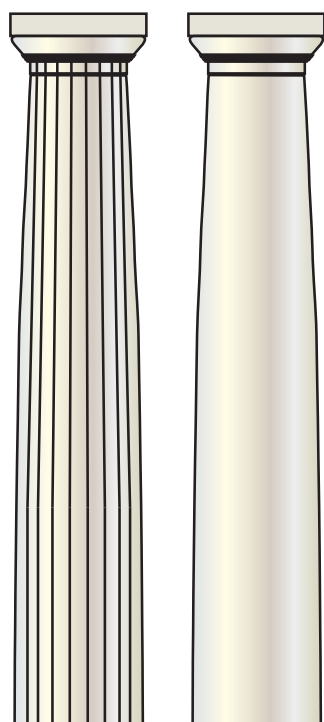




## GREEK DORIC SPECIFICATIONS



| Shaft nominal bottom diameter | Shaft Specifications |          |          |          |        |          | Cap Specifications |                |           |
|-------------------------------|----------------------|----------|----------|----------|--------|----------|--------------------|----------------|-----------|
|                               | Bottom               |          | Top      |          | Flutes |          | Specifications     |                | Materials |
|                               | Net O.D.             | Net I.D. | Net O.D. | Net I.D. | Number | Width    | Abacus width (A)   | Cap height (B) | Wood      |
|                               |                      |          |          |          |        |          |                    |                |           |
| 6"                            | 6"                   | 2 1/4"   | 5"       | 2"       | 20     | 1 5/16"  | 7 3/8"             | 2 11/16"       | W         |
| 8"                            | 8"                   | 4 1/4"   | 6 1/2"   | 3 1/2"   | 20     | 1 1/4"   | 9 1/4"             | 3 5/16"        | W         |
| 10"                           | 10"                  | 6 3/8"   | 8 1/4"   | 5 1/4"   | 20     | 1 9/16"  | 11 5/8"            | 3 15/16"       | W         |
| 12"                           | 12"                  | 7 7/8"   | 9 3/4"   | 6 3/4"   | 20     | 1 7/8"   | 13 3/4"            | 4 7/8"         | W         |
| 14"                           | 14"                  | 10 1/8"  | 11 1/4"  | 8 1/4"   | 20     | 2 3/16"  | 16"                | 5 1/2"         | W         |
| 16"                           | 16"                  | 11 1/16" | 12 3/4"  | 9 3/4"   | 20     | 2 1/2"   | 18 1/8"            | 6"             | W         |
| 18"                           | 18"                  | 12"      | 14 1/2"  | 11 1/2"  | 20     | 2 13/16" | 20 1/2"            | 6 3/4"         | W         |
| 20"                           | 20"                  | 14 1/4"  | 16"      | 13"      | 20     | 3 1/8"   | 22 5/8"            | 7 3/8"         | W         |
| 22"                           | 22"                  | 16 1/4"  | 18"      | 15"      | 20     | 3 7/16"  | 25 1/4"            | 8 1/4"         | W         |
| 24"                           | 24"                  | 18 1/4"  | 19 1/2"  | 16 1/2"  | 20     | 3 3/4"   | 27 1/4"            | 8 7/8"         | W         |

## CALCULATED SAFE-LOAD CAPACITIES

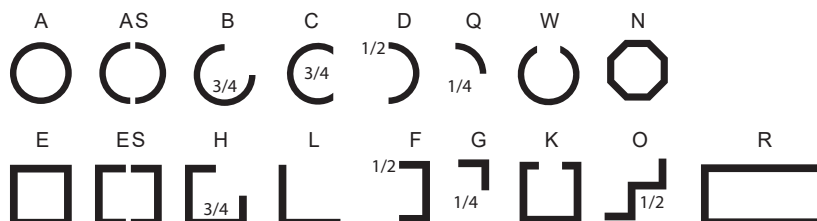
| Diameter | Pine       | Cedar      | Available Heights* |
|----------|------------|------------|--------------------|
| 6"       | 2,567 lb.  | 5,146 lb.  | 3' to 10'          |
| 8"       | 4,114 lb.  | 7,646 lb.  | 4' to 12'          |
| 10"      | 5,497 lb.  | 10,474 lb. | 5' to 16'          |
| 12"      | 6,620 lb.  | 12,535 lb. | 6' to 20'          |
| 14"      | 11,017 lb. | 15,282 lb. | 6' to 20'          |
| 16"      | 12,307 lb. | 17,343 lb. | 6' to 24'          |
| 18"      | 14,487 lb. | 19,404 lb. | 6' to 24'          |
| 20"      | 16,688 lb. | 22,151 lb. | 6' to 30'          |
| 22"      | 18,426 lb. | 24,212 lb. | 8' to 30'          |
| 24"      | 20,018 lb. | 26,272 lb. | 8' to 30'          |

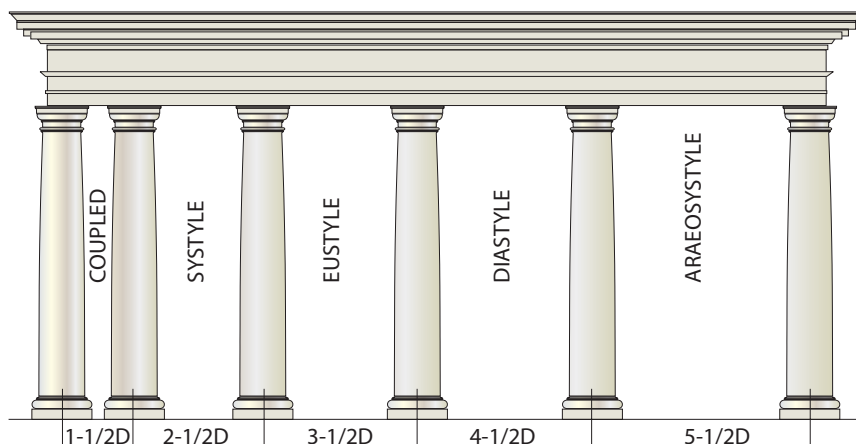
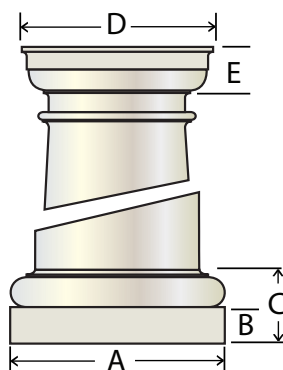
The sample columns tested supported loads at least four times the calculated values to the left prior to failure. The load was applied concentrically through the axis of the column. Loads shown are valid only if there is uniform contact between the full area of column ends and the cap and base units. Loads are provided for your convenience only and are not exact values. Consult a structural engineer for the most accurate load estimates.

\* Custom sizes available on request.

## PLAN TYPES

Architectural Columns are available in the following plan types. Please specify when you order. Custom plan types are also available. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc).





## TUSCAN SPECIFICATIONS

| Shaft<br>Nominal<br>Bottom<br>Diameter | Shaft Specifications |             |             |             |        |         | Tuscan Cap and Base Specifications |                         |                        |                        |                        |           |
|----------------------------------------|----------------------|-------------|-------------|-------------|--------|---------|------------------------------------|-------------------------|------------------------|------------------------|------------------------|-----------|
|                                        | Bottom               |             | Top         |             | Flutes |         | Base                               |                         |                        | Cap                    |                        | Materials |
|                                        | Net<br>O.D.          | Net<br>I.D. | Net<br>O.D. | Net<br>I.D. | Number | Width   | Plinth<br>width<br>(A)             | Plinth<br>height<br>(B) | Total<br>height<br>(C) | Abacus<br>width<br>(D) | Total<br>height<br>(E) |           |
| 4"                                     | 4"                   | 0           | 3 1/4"      | 0           | 18     | 7/16"   | 5 3/8"                             | 1"                      | 2 5/16"                | 5 1/8"                 | 1 3/16"                | W P       |
| 6"                                     | 6"                   | 3"          | 4 3/4"      | 2 1/2"      | 24     | 1/2"    | 8"                                 | 1 1/2"                  | 3 1/4"                 | 7 1/2"                 | 1 3/4"                 | W P       |
| 8"                                     | 8"                   | 5 1/4"      | 6 1/2"      | 4 3/8"      | 24     | 11/16"  | 10 3/4"                            | 1 7/8"                  | 4 1/4"                 | 9 3/8"                 | 2 3/8"                 | W P       |
| 10"                                    | 10"                  | 7 1/4"      | 8 1/2"      | 6 3/8"      | 24     | 7/8"    | 13 3/8"                            | 2 3/8"                  | 5 1/4"                 | 12 1/8"                | 3"                     | W P       |
| 12"                                    | 12"                  | 9"          | 10"         | 7 3/4"      | 24     | 1"      | 16 1/2"                            | 2 3/4"                  | 6"                     | 14 3/8"                | 3 3/8"                 | W P       |
| 14"                                    | 14"                  | 10 1/8"     | 12"         | 9"          | 24     | 1 1/4"  | 18 3/4"                            | 3 3/8"                  | 7 3/8"                 | 17 1/8"                | 4"                     | W P F     |
| 15"                                    | 15"                  | 11 1/16"    | 12 3/4"     | 10"         | 24     | 1 1/32" | 20 1/8"                            | 3 5/8"                  | 7 7/8"                 | 18 3/16"               | 4 5/16"                | W P       |
| 16"                                    | 16"                  | 12"         | 13 1/2"     | 10"         | 24     | 1 1/16" | 21 1/2"                            | 3 7/8"                  | 8 3/8"                 | 19 1/4"                | 4 5/8"                 | W P F     |
| 18"                                    | 18"                  | 14 1/4"     | 15"         | 12"         | 24     | 1 1/2"  | 24 1/4"                            | 4 1/4"                  | 9 3/8"                 | 21 1/2"                | 5 1/8"                 | W F       |
| 20"                                    | 20"                  | 16 1/4"     | 17"         | 13"         | 24     | 1 1/16" | 27"                                | 4 3/4"                  | 10 3/4"                | 24 1/4"                | 5 5/8"                 | W F       |
| 22"                                    | 22"                  | 18 1/4"     | 18 1/2"     | 15"         | 24     | 1 1/16" | 29 3/4"                            | 5 1/4"                  | 12 1/8"                | 26 1/2"                | 6 1/4"                 | W F       |
| 24"                                    | 24"                  | 20 1/4"     | 20"         | 17"         | 24     | 2 1/8"  | 32 1/2"                            | 5 3/4"                  | 13 1/4"                | 28 3/4"                | 6 7/8"                 | W F       |
| 26"                                    | 26"                  | 22 1/8"     | 22"         | 19"         | 24     | 2 1/4"  | 35"                                | 6 1/4"                  | 14 1/2"                | 31 1/2"                | 7 3/8"                 | W F       |
| 28"                                    | 28"                  | 24 1/8"     | 23 1/2"     | 21"         | 24     | 2 1/16" | 38"                                | 6 3/4"                  | 15 1/2"                | 33 3/8"                | 8"                     | W F       |
| 30"                                    | 30"                  | 26 1/4"     | 25"         | 22"         | 24     | 2 7/8"  | 40 1/2"                            | 7 1/4"                  | 16 1/2"                | 35 3/4"                | 8 3/8"                 | W F       |
| 32"                                    | 32"                  | 27"         | 27"         | 23"         | 24     | 3"      | 42 3/4"                            | 7 3/4"                  | 17 3/4"                | 37 5/8"                | 9 1/4"                 | F         |
| 34"                                    | 34"                  | 29"         | 28 1/2"     | 24 1/2"     | 24     | 3 1/4"  | 45 1/2"                            | 8 1/2"                  | 19 3/8"                | 41"                    | 9 5/8"                 | F         |
| 36"                                    | 36"                  | 31"         | 30"         | 26"         | 24     | 3 1/4"  | 48"                                | 9"                      | 20 3/8"                | 42 3/4"                | 10 1/2"                | F         |

## CALCULATED SAFE-LOAD CAPACITIES

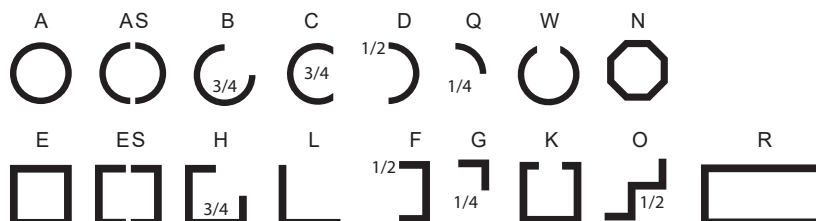
| Diameter | Pine       | Cedar      | Available Heights* |
|----------|------------|------------|--------------------|
| 6"       | 2,567 lb.  | 5,146 lb.  | 3' to 10'          |
| 8"       | 4,114 lb.  | 7,646 lb.  | 4' to 12'          |
| 10"      | 5,497 lb.  | 10,474 lb. | 5' to 16'          |
| 12"      | 6,620 lb.  | 12,535 lb. | 6' to 20'          |
| 14"      | 11,017 lb. | 15,282 lb. | 6' to 20'          |
| 16"      | 12,307 lb. | 17,343 lb. | 6' to 24'          |
| 18"      | 14,487 lb. | 19,404 lb. | 6' to 24'          |
| 20"      | 16,688 lb. | 22,151 lb. | 6' to 30'          |
| 22"      | 18,426 lb. | 24,212 lb. | 8' to 30'          |
| 24"      | 20,018 lb. | 26,272 lb. | 8' to 30'          |
| 26"      | 22,252 lb. | 36,870 lb. | 8' to 30'          |
| 28"      | 24,001 lb. | 39,519 lb. | 8' to 30'          |
| 30"      | 25,746 lb. | 42,169 lb. | 8' to 30'          |
| 32"      | 42,080 lb. | 55,317 lb. | 8' to 30'          |
| 34"      | 44,567 lb. | 57,476 lb. | 8' to 30'          |
| 36"      | 47,054 lb. | 61,794 lb. | 8' to 30'          |

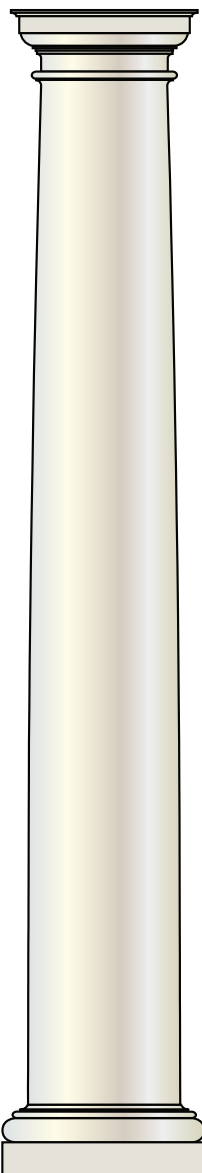
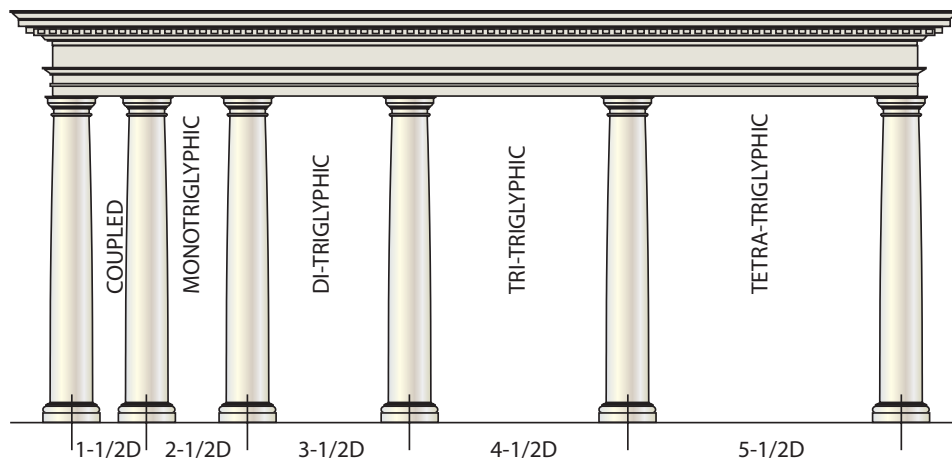
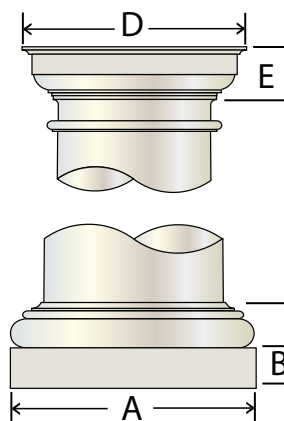
The sample columns tested supported loads at least four times the calculated values to the left prior to failure. The load was applied concentrically through the axis of the column. Loads shown are valid only if there is uniform contact between the full area of column ends and the cap and base units. Loads are provided for your convenience only and are not exact values. Consult a structural engineer for the most accurate load estimates.

\* Custom sizes available on request.

## PLAN TYPES

Architectural Columns are available in the following plan types. Please specify when you order. Custom plan types are also available. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc).





## ROMAN DORIC SPECIFICATIONS

| Shaft nominal bottom diameter | Shaft Specifications |          |          |          |        |          | Roman Doric Cap and Base Specifications |                   |                  |                  |                  |           |
|-------------------------------|----------------------|----------|----------|----------|--------|----------|-----------------------------------------|-------------------|------------------|------------------|------------------|-----------|
|                               | Bottom               |          | Top      |          | Flutes |          | Base                                    |                   |                  | Cap              |                  | Materials |
|                               | Net O.D.             | Net I.D. | Net O.D. | Net I.D. | Number | Width    | Plinth width (A)                        | Plinth height (B) | Total height (C) | Abacus width (D) | Total height (E) |           |
| 4"                            | 4"                   | 0        | 3 1/4"   | 0        | 18     | 7/16"    | 5 3/8"                                  | 1"                | 2 1/8"           | 5 1/8"           | 1 1/2"           | W P       |
| 6"                            | 6"                   | 3"       | 4 3/4"   | 2 1/2"   | 24     | 1/2"     | 8"                                      | 1"                | 3 1/4"           | 7 1/2"           | 2"               | W P       |
| 8"                            | 8"                   | 5 1/4"   | 6 1/2"   | 4 3/4"   | 24     | 1 1/16"  | 10 3/4"                                 | 1 7/8"            | 4 1/4"           | 9 3/4"           | 2 5/8"           | W P       |
| 10"                           | 10"                  | 7 1/4"   | 8 1/2"   | 6 3/8"   | 24     | 7/8"     | 13 3/8"                                 | 2 3/8"            | 5 3/8"           | 12 1/2"          | 3 1/8"           | W P       |
| 12"                           | 12"                  | 9"       | 10"      | 7 3/4"   | 24     | 1"       | 16 1/8"                                 | 2 3/4"            | 6 3/16"          | 14 3/4"          | 4"               | W P       |
| 14"                           | 14"                  | 10 1/8"  | 12"      | 9"       | 24     | 1 1/4"   | 18 3/4"                                 | 3 3/8"            | 7 3/8"           | 17 1/2"          | 4 11/16"         | W P F     |
| 15"                           | 15"                  | 11 1/16" | 12 3/4"  | 10"      | 24     | 1 11/32" | 20 1/8"                                 | 3 5/8"            | 8 1/16"          | 18 11/16"        | 5 1/32"          | W P       |
| 16"                           | 16"                  | 12"      | 13 1/2"  | 10"      | 24     | 1 7/16"  | 21 1/2"                                 | 3 7/8"            | 8 3/4"           | 19 7/8"          | 5 3/8"           | W P F     |
| 18"                           | 18"                  | 14 1/4"  | 15"      | 12"      | 24     | 1 1/2"   | 24 1/4"                                 | 4 1/4"            | 9 7/8"           | 22 1/4"          | 6"               | W F       |
| 20"                           | 20"                  | 16 1/4"  | 17"      | 13"      | 24     | 1 11/16" | 27"                                     | 4 3/4"            | 11"              | 25"              | 6 3/4"           | W F       |
| 22"                           | 22"                  | 18 1/4"  | 18 1/2"  | 15"      | 24     | 1 15/16" | 29 3/4"                                 | 5 1/4"            | 12"              | 27 3/8"          | 7 3/8"           | W F       |
| 24"                           | 24"                  | 20 1/4"  | 20"      | 17"      | 24     | 2 1/8"   | 32 1/2"                                 | 5 3/4"            | 13 3/4"          | 29 3/4"          | 7 15/16"         | W F       |
| 26"                           | 26"                  | 22 1/8"  | 22"      | 19"      | 24     | 2 1/4"   | 35"                                     | 6 1/4"            | 14 3/8"          | 32 1/2"          | 8 11/16"         | W F       |
| 28"                           | 28"                  | 24 1/8"  | 23 1/2"  | 21"      | 24     | 2 11/16" | 38"                                     | 6 3/4"            | 15 3/8"          | 34 5/8"          | 9 3/8"           | W F       |
| 30"                           | 30"                  | 26 1/4"  | 25"      | 22"      | 24     | 2 7/8"   | 40 1/2"                                 | 7 1/4"            | 16 5/8"          | 37"              | 9 15/16"         | W F       |
| 32"                           | 32"                  | 27"      | 27"      | 23"      | 24     | 3"       | 42 3/4"                                 | 7 3/4"            | 17 3/4"          | 39 1/4"          | 10 1/16"         | F         |
| 34"                           | 34"                  | 29"      | 28 1/2"  | 24 1/2"  | 24     | 3 1/4"   | 45 1/2"                                 | 8 1/2"            | 19 1/4"          | 42 1/8"          | 11 1/16"         | F         |
| 36"                           | 36"                  | 31"      | 30"      | 26"      | 24     | 3 1/4"   | 48"                                     | 9"                | 20 1/4"          | 44 1/8"          | 12"              | F         |

## CALCULATED SAFE-LOAD CAPACITIES

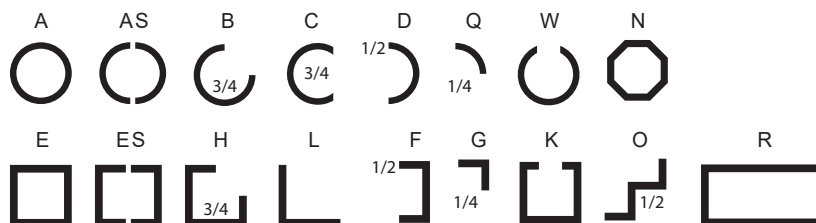
| Diameter | Pine       | Cedar      | Available Heights* |
|----------|------------|------------|--------------------|
| 6"       | 2,567 lb.  | 5,146 lb.  | 3' to 10'          |
| 8"       | 4,114 lb.  | 7,646 lb.  | 4' to 12'          |
| 10"      | 5,497 lb.  | 10,474 lb. | 5' to 16'          |
| 12"      | 6,620 lb.  | 12,535 lb. | 6' to 20'          |
| 14"      | 11,017 lb. | 15,282 lb. | 6' to 20'          |
| 16"      | 12,307 lb. | 17,343 lb. | 6' to 24'          |
| 18"      | 14,487 lb. | 19,404 lb. | 6' to 24'          |
| 20"      | 16,688 lb. | 22,151 lb. | 6' to 30'          |
| 22"      | 18,426 lb. | 24,212 lb. | 8' to 30'          |
| 24"      | 20,018 lb. | 26,272 lb. | 8' to 30'          |
| 26"      | 22,252 lb. | 36,870 lb. | 8' to 30'          |
| 28"      | 24,001 lb. | 39,519 lb. | 8' to 30'          |
| 30"      | 25,746 lb. | 42,169 lb. | 8' to 30'          |
| 32"      | 42,080 lb. | 55,317 lb. | 8' to 30'          |
| 34"      | 44,567 lb. | 57,476 lb. | 8' to 30'          |
| 36"      | 47,054 lb. | 61,794 lb. | 8' to 30'          |

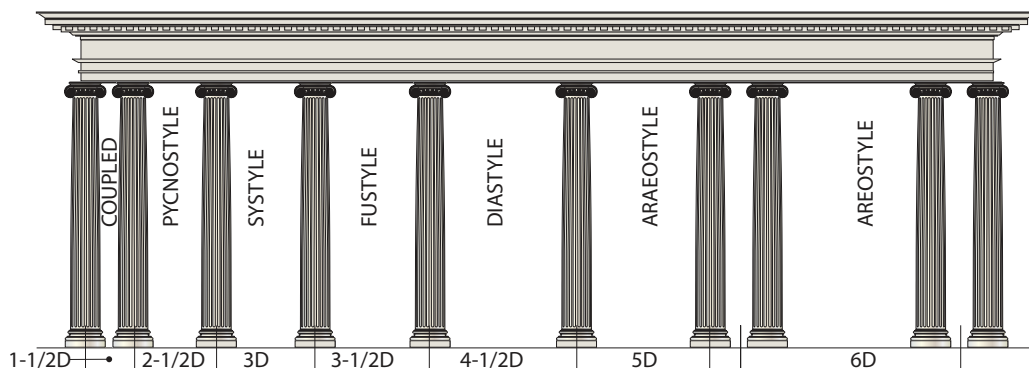
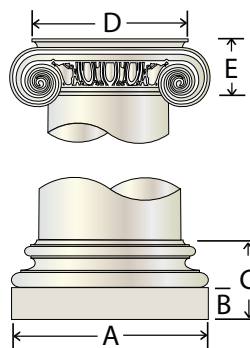
The sample columns tested supported loads at least four times the calculated values to the left prior to failure. The load was applied concentrically through the axis of the column. Loads shown are valid only if there is uniform contact between the full area of column ends and the cap and base units. Loads are provided for your convenience only and are not exact values. Consult a structural engineer for the most accurate load estimates.

\* Custom sizes available on request.

## PLAN TYPES

Architectural Columns are available in the following plan types. Please specify when you order. Custom plan types are also available. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc).





## ROMAN IONIC SPECIFICATIONS

| Shaft<br>Nominal<br>Bottom<br>Diameter | Shaft Specifications |          |          |          |        |          | Base                      |               |              |                                | Cap                         |                |                               |
|----------------------------------------|----------------------|----------|----------|----------|--------|----------|---------------------------|---------------|--------------|--------------------------------|-----------------------------|----------------|-------------------------------|
|                                        | Bottom               |          | Top      |          | Flutes |          | Attic Base Specifications |               |              | Materials                      | Roman Ionic Specifications* |                | Materials                     |
|                                        | Net O.D.             | Net I.D. | Net O.D. | Net I.D. | Number | Width    | Plinth Width              | Plinth Height | Total height | Wood, Fiberglass, Polyurethane | Abacus Width                | Capital Height | Wood,** Composite, Poly/Resin |
|                                        |                      |          |          |          |        |          | (A)                       | (B)           | (C)          |                                | (D)                         | (E)            |                               |
| 6"                                     | 6"                   | 3"       | 4 ¾"     | 2 ½"     | 24     | ½"       | 8"                        | 1"            | 3 ½"         | W P                            | 6 ⅝"                        | 2 ¼"           | W C P                         |
| 8"                                     | 8"                   | 5 ¼"     | 6 ½"     | 4 ⅜"     | 24     | 11/16"   | 10 ¾"                     | 1 ⅞"          | 5 ⅝"         | W P                            | 8 ¼"                        | 3"             | W C P                         |
| 10"                                    | 10"                  | 7 ¼"     | 8 ½"     | 6 ⅜"     | 24     | ⅞"       | 13 ⅜"                     | 2 ⅜"          | 6 ¼"         | W P                            | 11"                         | 3 ⅝"           | W C P                         |
| 12"                                    | 12"                  | 9"       | 10"      | 7 ¾"     | 24     | 1"       | 16 ⅛"                     | 2 ¾"          | 7 ¼"         | W P                            | 12 ½"                       | 4 ½"           | W C P                         |
| 14"                                    | 14"                  | 10 ⅙"    | 12"      | 9"       | 24     | 1 ¼"     | 18 ¾"                     | 3 ⅜"          | 8 ¾"         | W P F                          | 17 ½"                       | 5 ½"           | C P                           |
| 15"                                    | 15"                  | 11 ⅙"    | 12 ¾"    | 10"      | 24     | 1 11/32" | 20 ⅛"                     | 3 ⅝"          | 9 7/16"      | W P                            | 17 ½"                       | 5 ½"           | C P                           |
| 16"                                    | 16"                  | 12"      | 13 ½"    | 10"      | 24     | 1 7/16"  | 21 ½"                     | 3 ⅞"          | 10 ⅝"        | W P F                          | 17 ½"                       | 6 ⅛"           | C P                           |
| 18"                                    | 18"                  | 14 ¼"    | 15"      | 12"      | 24     | 1 ½"     | 24 ¼"                     | 4 ¼"          | 11 ⅜"        | W F                            | 20"                         | 6 ½"           | C P                           |
| 20"                                    | 20"                  | 16 ¼"    | 17"      | 13"      | 24     | 1 11/16" | 27"                       | 4 ¾"          | 12 ⅞"        | W F                            | 20"                         | 6 ½"           | C P                           |
| 22"                                    | 22"                  | 18 ¼"    | 18 ½"    | 15"      | 24     | 1 15/16" | 29 ¾"                     | 5 ¼"          | 14 ¼"        | W F                            | 25"                         | 8 ¾"           | C P                           |
| 24"                                    | 24"                  | 20 ¼"    | 20"      | 17"      | 24     | 2 ⅛"     | 32 ½"                     | 5 ¾"          | 15 11/16"    | W F                            | 25 ¼"                       | 9"             | C                             |
| 26"                                    | 26"                  | 22 ⅛"    | 22"      | 19"      | 24     | 2 ¼"     | 35"                       | 6 ¼"          | 16 ⅞"        | W F                            | 26 ½"                       | 9 ½"           | C                             |
| 28"                                    | 28"                  | 24 ⅙"    | 23 ½"    | 21"      | 24     | 2 11/16" | 38"                       | 6 ¾"          | 18 ⅞"        | W F                            | 32"                         | 12 ½"          | C                             |
| 30"                                    | 30"                  | 26 ¼"    | 25"      | 22"      | 24     | 2 ⅞"     | 40 ½"                     | 7 ¼"          | 19 ¼"        | W F                            | 32"                         | 12 ½"          | C                             |

\*Sizes shown for Roman Ionic Cap. See Ornamental Capital table for sizes of all available styles.

\*\*Not all capital styles available in wood, not all styles in all sizes.

## CALCULATED SAFE-LOAD CAPACITIES

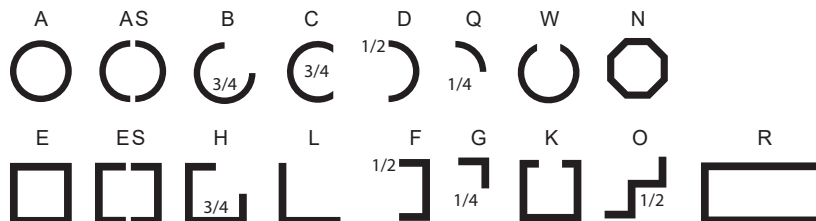
| Diameter | Pine       | Cedar      | Available Heights* |
|----------|------------|------------|--------------------|
| 6"       | 2,567 lb.  | 5,146 lb.  | 3' to 10'          |
| 8"       | 4,114 lb.  | 7,646 lb.  | 4' to 12'          |
| 10"      | 5,497 lb.  | 10,474 lb. | 5' to 16'          |
| 12"      | 6,620 lb.  | 12,535 lb. | 6' to 20'          |
| 14"      | 11,017 lb. | 15,282 lb. | 6' to 20'          |
| 16"      | 12,307 lb. | 17,343 lb. | 6' to 24'          |
| 18"      | 14,487 lb. | 19,404 lb. | 6' to 24'          |
| 20"      | 16,688 lb. | 22,151 lb. | 6' to 30'          |
| 22"      | 18,426 lb. | 24,212 lb. | 8' to 30'          |
| 24"      | 20,018 lb. | 26,272 lb. | 8' to 30'          |
| 26"      | 22,252 lb. | 36,870 lb. | 8' to 30'          |
| 28"      | 24,001 lb. | 39,519 lb. | 8' to 30'          |
| 30"      | 25,746 lb. | 42,169 lb. | 8' to 30'          |

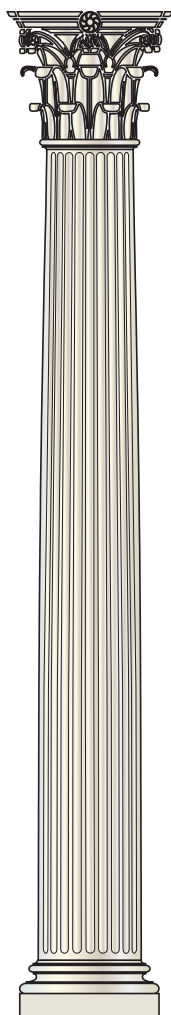
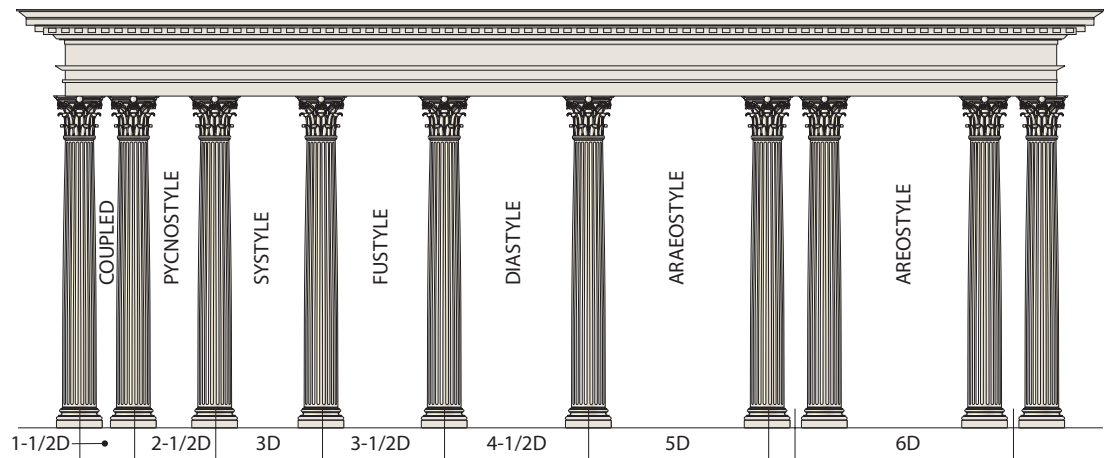
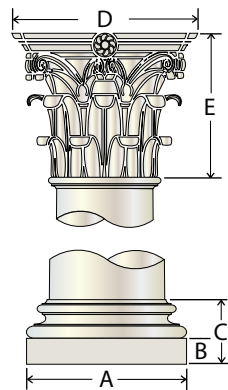
The sample columns tested supported loads at least four times the calculated values to the left prior to failure. The load was applied concentrically through the axis of the column. Loads shown are valid only if there is uniform contact between the full area of column ends and the cap and base units. Loads are provided for your convenience only and are not exact values. Consult a structural engineer for the most accurate load estimates.

\* Custom sizes available on request.

## PLAN TYPES

Architectural Columns are available in the following plan types. Please specify when you order. Custom plan types are also available. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc).





## ROMAN CORINTHIAN SPECIFICATIONS

| Shaft nominal bottom diameter | Shaft Specifications |          |          |          |        |          | Roman Corinthian Base     |               |              |                                | Roman Corinthian Cap |              |                             |
|-------------------------------|----------------------|----------|----------|----------|--------|----------|---------------------------|---------------|--------------|--------------------------------|----------------------|--------------|-----------------------------|
|                               | Bottom               |          | Top      |          | Flutes |          | Attic Base Specifications |               |              | Materials                      | Specifications       |              | Materials                   |
|                               | Net O.D.             | Net I.D. | Net O.D. | Net I.D. | Number | Width    | Plinth width              | Plinth height | Total Height | Wood, Fiberglass, Polyurethane | Abacus width         | Total height | Wood, Composite, Poly/Resin |
|                               |                      |          |          |          |        |          | (A)                       | (B)           | (C)          |                                | (D)                  | (E)          |                             |
| 6"                            | 6"                   | 3"       | 4 ¾"     | 2 ½"     | 24     | ½"       | 8"                        | 1"            | 3 ½"         | W P F                          | 9 ½"                 | 7"           | W C P                       |
| 8"                            | 8"                   | 5 ¼"     | 6 ½"     | 4 ⅜"     | 24     | 11⁄16"   | 10 ¾"                     | 1 ⅞"          | 5 ⅝"         | W P F                          | 12"                  | 8 ½"         | W C P                       |
| 10"                           | 10"                  | 7 ¼"     | 8 ½"     | 6 ⅜"     | 24     | ⅞"       | 13 ⅜"                     | 2 ⅜"          | 6 ¼"         | W P F                          | 15"                  | 12"          | W C P                       |
| 12"                           | 12"                  | 9"       | 10"      | 7 ¾"     | 24     | 1"       | 16 ⅛"                     | 2 ¾"          | 7 ¼"         | W P F                          | 18 ½"                | 14 ½"        | W C P                       |
| 14"                           | 14"                  | 10 ⅛"    | 12"      | 9"       | 24     | 1 ¼"     | 18 ¾"                     | 3 ⅜"          | 8 ¾"         | W P F                          | 22"                  | 17"          | C P                         |
| 15"                           | 15"                  | 11 ¼"    | 12 ¾"    | 10"      | 24     | 1 11⁄32" | 20 ⅝"                     | 3 ⅝"          | 9 ⅞"         | W P F                          | 22"                  | 17"          | C P                         |
| 16"                           | 16"                  | 12"      | 13 ½"    | 10"      | 24     | 1 ⅞"     | 21 ½"                     | 3 ⅞"          | 10 ⅝"        | W P F                          | 27"                  | 20"          | C P                         |
| 18"                           | 18"                  | 14 ¼"    | 15"      | 12"      | 24     | 1 ½"     | 24 ¼"                     | 4 ¼"          | 11 ⅜"        | W F                            | 32 ½"                | 23"          | C P                         |
| 20"                           | 20"                  | 16 ¼"    | 17"      | 13"      | 24     | 1 11⁄16" | 27"                       | 4 ¾"          | 12 ⅞"        | W F                            | 39"                  | 25 ½"        | C P                         |
| 22"                           | 22"                  | 18 ¼"    | 18 ½"    | 15"      | 24     | 1 15⁄16" | 29 ¾"                     | 5 ¼"          | 14 ¼"        | W F                            | 42"                  | 28 ½"        | C P                         |
| 24"                           | 24"                  | 20 ¼"    | 20"      | 17"      | 24     | 2 ⅛"     | 32 ½"                     | 5 ¾"          | 15 11⁄16"    | W F                            | 42"                  | 28 ½"        | C P                         |
| 26"                           | 26"                  | 22 ⅛"    | 22"      | 19"      | 24     | 2 ¼"     | 35"                       | 6 ¼"          | 16 ⅞"        | W F                            | 42"                  | 32"          | C                           |
| 28"                           | 28"                  | 24 ⅛"    | 23 ½"    | 21"      | 24     | 2 11⁄16" | 38"                       | 6 ¾"          | 18 ⅝"        | W F                            | 46"                  | 34"          | C                           |
| 30"                           | 30"                  | 26 ¼"    | 25"      | 22"      | 24     | 2 ⅞"     | 40 ½"                     | 7 ¼"          | 19 ¼"        | W F                            | 46 ½"                | 37 ½"        | C                           |

## CALCULATED SAFE-LOAD CAPACITIES

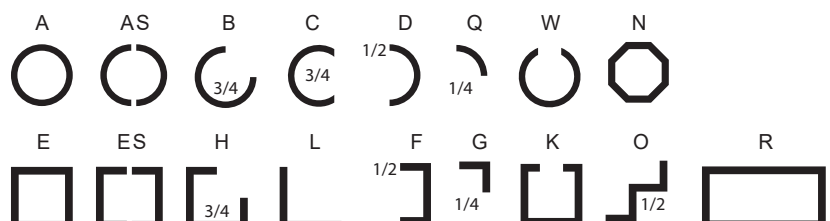
| Diameter | Pine       | Cedar      | Available Heights* |
|----------|------------|------------|--------------------|
| 6"       | 2,567 lb.  | 5,146 lb.  | 3' to 10'          |
| 8"       | 4,114 lb.  | 7,646 lb.  | 4' to 12'          |
| 10"      | 5,497 lb.  | 10,474 lb. | 5' to 16'          |
| 12"      | 6,620 lb.  | 12,535 lb. | 6' to 20'          |
| 14"      | 11,017 lb. | 15,282 lb. | 6' to 20'          |
| 16"      | 12,307 lb. | 17,343 lb. | 6' to 24'          |
| 18"      | 14,487 lb. | 19,404 lb. | 6' to 24'          |
| 20"      | 16,688 lb. | 22,151 lb. | 6' to 30'          |
| 22"      | 18,426 lb. | 24,212 lb. | 8' to 30'          |
| 24"      | 20,018 lb. | 26,272 lb. | 8' to 30'          |
| 26"      | 22,252 lb. | 36,870 lb. | 8' to 30'          |
| 28"      | 24,001 lb. | 39,519 lb. | 8' to 30'          |
| 30"      | 25,746 lb. | 42,169 lb. | 8' to 30'          |

The sample columns tested supported loads at least four times the calculated values to the left prior to failure. The load was applied concentrically through the axis of the column. Loads shown are valid only if there is uniform contact between the full area of column ends and the cap and base units. Loads are provided for your convenience only and are not exact values. Consult a structural engineer for the most accurate load estimates.

\* Custom sizes available on request.

## PLAN TYPES

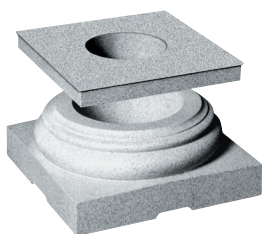
Architectural Columns are available in the following plan types. Please specify when you order. Custom plan types are also available. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc).





| Shaft nominal bottom width | 1 Empire     |                |              | 2 Empire with Necking |                |              | 3 Greek Erectheum |                |              | 4 Scamozzi   |                |              | 5 Greek Erectheum with Necking |                |              |
|----------------------------|--------------|----------------|--------------|-----------------------|----------------|--------------|-------------------|----------------|--------------|--------------|----------------|--------------|--------------------------------|----------------|--------------|
|                            | Abacus width | Capital height | Scroll width | Abacus width          | Capital height | Scroll width | Abacus width      | Capital height | Scroll width | Abacus width | Capital height | Scroll width | Abacus width                   | Capital height | Scroll width |
| 6"                         | 9"           | 3 1/8"         | 8 3/4"       | 9"                    | 6 7/8"         | 8 3/4"       | 6 3/4"            | 3 1/4"         | 8 1/2"       | 7 3/4"       | 2 5/8"         | 6 1/4"       | n/a                            |                |              |
| 8"                         | 10"          | 3 3/4"         | 9"           | 10"                   | 7 3/4"         | 9"           | 7 3/4"            | 4 1/2"         | 11 3/4"      | 10 1/4"      | 3"             | 9"           | n/a                            |                |              |
| 10"                        | 16"          | 5 1/2"         | 13 1/2"      | 13 1/2"               | 10"            | 12 1/4"      | 12"               | 5 1/2"         | 17 1/2"      | 16"          | 4 1/2"         | 14"          | n/a                            |                |              |
| 12"                        | 18"          | 6 3/4"         | 17"          | 18"                   | 11"            | 17"          | 14 1/2"           | 6 1/4"         | 21"          | 17 1/2"      | 5"             | 15 1/2"      | 14 1/2"                        | 9 1/2"         | 21"          |
| 14"                        | 20 1/2"      | 7 1/4"         | 19 1/2"      | 20 1/2"               | 14 1/2"        | 19 1/2"      | 15"               | 7"             | 21"          | 19 1/2"      | 6"             | 16 1/2"      | 15"                            | 11 1/4"        | 21"          |
| 15"                        | 23"          | 8 3/4"         | 19 1/2"      | 20 1/2"               | 14 1/2"        | 19 1/2"      | n/a               |                |              | 19 1/2"      | 6"             | 16 1/2"      | 15"                            | 11 1/4"        | 21"          |
| 16"                        | 23"          | 8 3/4"         | 19 1/2"      | 23"                   | 17"            | 19 1/2"      | 17 1/2"           | 9"             | 26"          | 22 1/4"      | 6 1/4"         | 18 1/2"      | 17 1/2"                        | 13 1/2"        | 26"          |
| 18"                        | 32"          | 10"            | 25 1/4"      | 32"                   | 15"            | 26 1/4"      | 22"               | 10 1/4"        | 29"          | 25"          | 7 1/2"         | 20 1/4"      | 22 1/2"                        | 15"            | 29"          |
| 20"                        | 34"          | 11 1/4"        | 28"          | 34"                   | 17 1/4"        | 28"          | 26"               | 11"            | 36"          | 28 1/2"      | 8 1/2"         | 24"          | 26"                            | 17"            | 36"          |
| 22"                        | 35 1/2"      | 12 3/4"        | 35"          | 34"                   | 17 1/4"        | 28"          | 26"               | 11 1/4"        | 36 1/4"      | 28 1/2"      | 8 1/2"         | 24"          | 26"                            | 17"            | 36"          |
| 24"                        | 35 1/2"      | 12 3/4"        | 35"          | 35 1/2"               | 19"            | 35"          | 30 1/2"           | 13"            | 43"          | 34 1/4"      | 10 1/4"        | 29 1/2"      | 30 1/2"                        | 19"            | 43"          |
| 26"                        | 37"          | 13"            | 35"          | 37"                   | 19"            | 35"          | 32 1/2"           | 13"            | 43"          | 35 1/4"      | 11"            | 29 3/4"      | 32 1/2"                        | 19 1/2"        | 43"          |
| 28"                        | n/a          |                |              | 37"                   | 19"            | 35"          | 31"               | 15"            | 45 1/2"      | 39"          | 12 3/4"        | 33"          | 31"                            | 24 3/4"        | 45 1/2"      |
| 30"                        | n/a          |                |              | n/a                   |                |              | 31"               | 15"            | 45 1/2"      | 39"          | 12 3/4"        | 33"          | 31"                            | 24 3/4"        | 45 1/2"      |
| 36"                        | n/a          |                |              | n/a                   |                |              | 42 1/2"           | 19 1/4"        | 60 1/2"      | 46"          | 15"            | 38 1/2"      | n/a                            |                |              |

| Shaft nominal bottom width | 6 Roman Corinthian |                | 7 Roman Doric Ornamental |                | 8 Modern Composite |                | 9 Roman Ionic |                |              | 10 Greek Angular Ionic |                |              | 11 Temple of Winds |                |
|----------------------------|--------------------|----------------|--------------------------|----------------|--------------------|----------------|---------------|----------------|--------------|------------------------|----------------|--------------|--------------------|----------------|
|                            | Abacus width       | Capital height | Abacus width             | Capital height | Abacus width       | Capital height | Abacus width  | Capital height | Scroll width | Abacus width           | Capital height | Scroll width | Abacus width       | Capital height |
| 4"                         | n/a                |                | n/a                      |                | n/a                |                | n/a           |                |              | n/a                    |                |              | 6"                 | 6"             |
| 6"                         | 9 1/2"             | 7"             | 8 3/4"                   | 4"             | 8"                 | 7"             | 6 1/8"        | 2 1/4"         | 8 1/16"      | n/a                    |                |              | 8"                 | 7"             |
| 8"                         | 12"                | 8 1/2"         | 13 1/8"                  | 6"             | 10 3/4"            | 8 1/2"         | 8 1/4"        | 3"             | 10 1/2"      | 9 1/2"                 | 3 3/4"         | 9"           | 10 1/2"            | 7 1/2"         |
| 10"                        | 15"                | 12"            | 14 1/4"                  | 6 3/4"         | 16 1/2"            | 11 1/2"        | 11"           | 3 5/8"         | 13 5/8"      | 14 1/2"                | 5 3/8"         | 13 1/4"      | 15 1/4"            | 11 1/8"        |
| 12"                        | 18 1/2"            | 14 1/2"        | 16 1/4"                  | 7"             | 19"                | 14 1/2"        | 12 1/2"       | 4 1/2"         | 16 1/2"      | 17 1/4"                | 6"             | 17"          | 16 7/8"            | 11 3/8"        |
| 14"                        | 22"                | 17"            | 21"                      | 9"             | 20"                | 17"            | 17 1/2"       | 5 1/2"         | 23"          | 20 3/4"                | 7 1/4"         | 19 1/4"      | 21 1/4"            | 14"            |
| 15"                        | 22"                | 17"            | 24"                      | 10 1/2"        | 20"                | 17"            | 17 1/2"       | 6 1/8"         | 22"          | 20 1/2"                | 8 3/8"         | 19 1/2"      | 21 3/4"            | 14"            |
| 16"                        | 27"                | 20"            | 24"                      | 10 1/2"        | n/a                |                | 17 1/2"       | 6 1/8"         | 22"          | 20 1/2"                | 8 3/8"         | 19 1/2"      | 23"                | 16"            |
| 18"                        | 32 1/2"            | 23"            | 28"                      | 12 1/2"        | 25"                | 22 1/2"        | 20"           | 6 1/2"         | 24 1/4"      | 24 1/4"                | 9 3/4"         | 19 3/4"      | 26 3/4"            | 18 1/8"        |
| 20"                        | 39"                | 25 1/2"        | n/a                      |                | 25"                | 22 1/2"        | 25"           | 8 3/4"         | 31 3/4"      | 29 3/4"                | 11"            | 28"          | 28"                | 21 1/2"        |
| 22"                        | 42"                | 28 1/2"        | n/a                      |                | n/a                |                | 25"           | 8 3/4"         | 31 3/4"      | 29 3/4"                | 11"            | 28"          | 34 1/2"            | 23 1/4"        |
| 24"                        | 42"                | 28 1/2"        | n/a                      |                | n/a                |                | 25 1/4"       | 9"             | 33"          | 35"                    | 12 3/4"        | 34 1/2"      | 31 1/4"            | 28 1/2"        |
| 26"                        | 42"                | 32"            | n/a                      |                | n/a                |                | 26 1/2"       | 9 1/2"         | 33 3/4"      | 39 1/2"                | 14 3/4"        | 38"          | 35"                | 24"            |
| 28"                        | 46"                | 34"            | n/a                      |                | n/a                |                | 32"           | 12 1/2"        | 40 1/2"      | 39 1/2"                | 14 3/4"        | 38"          | 37"                | 28"            |
| 30"                        | 46 1/2"            | 37 1/2"        | n/a                      |                | n/a                |                | 32"           | 12 1/2"        | 40 1/2"      | n/a                    |                |              | 39"                | 30"            |
| 36"                        | 55"                | 42"            | n/a                      |                | n/a                |                | n/a           |                |              | n/a                    |                |              | n/a                |                |



Plaster Ornamental Capitals are coated with boiled linseed oil and turpentine as a temporary protector until they can be primed and coated with at least two coats of oil-base paint on the inside and outside. (If capitals are allowed to gather moisture before painting, peeling is likely to occur and further coating will be futile.) Ornamental Capitals are shipped with a load-bearing plug, which must bear the weight of any load on the column. Specifications and materials are subject to change without notice. Poly/Resin Capitals are load bearing, and do not require plugs.

Exterior and paint-grade interior columns feature polyurethane or fiberglass caps and bases (see charts) to provide crisp, true architectural detail and increased durability. Special-order wood caps and bases are available. Optional aluminum plinths provide an extra measure of protection.